

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An image display device characterized in that a liquid powder composed of a solid material stably floating as a dispersant in a gas and exhibiting a high fluidity in an aerosol state is sealed between opposed substrates, at least one substrate being transparent, and the liquid powder is moved,

wherein the liquid powder does not have a repose angle as an index indicating its fluidity.

2. (canceled):

3. (previously presented): The image display device according to claim 1, wherein an apparent volume in a maximum floating state is two times or more than that in none floating state.

4. (previously presented): The image display device according to claim 1, wherein a time change of the apparent volume of the liquid powder satisfies the floating formula:

$$V_{10}/V_5 > 0.8;$$

here, V_5 indicates the apparent volume (cm^3) of the liquid powder after 5 minutes from the maximum floating state; and V_{10} indicates the apparent volume (cm^3) of the liquid powder after 10 minutes from the maximum floating state.

5. (previously presented): The image display device according to claim 1, wherein an average particle size $d(0.5)$ of a particle material constituting the liquid powder is 0.1 - 20 μm .

6. (currently amended): The image display device according to claim 1, wherein a particle size distribution Span of the particle material constituting the liquid powder, which is defined by the following formula, is not more than 5:

$$\text{Span} = (d(0.9) - d(0.1))/d(0.5) ;$$

(here, $d(0.5)$ means a value of the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having the particle size larger than this value is 50% and an amount of the particle material constituting the liquid powder having the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having a particle size smaller than this value is 10%, and $d(0.9)$ means a value of the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having the particle size smaller than this value is 90%).

7. (currently amended): The image display device according to claim 1, wherein the liquid powder is immersed into a solvent before the liquid powder is sealed between the opposed substrates,

wherein a weight of the liquid powder before being immersed into the solvent is A,

wherein a weight of resin components after the liquid powder is immersed into the solvent at 25°C for 24 hours is B,

wherein a solvent insoluble rate of the liquid powder, ~~which~~ is defined by the following formula, ~~is not less than 50%:~~

solvent insoluble rate (%) = $(B/A) \times 100$, and

wherein the solvent insoluble rate is not less than 50%;

~~(here, A is a weight of the liquid powder before being immersed into the solvent and B is a weight of resin components after the liquid powder is immersed into good solvent at 25°C for 24 hours).~~

8. (previously presented): The image display device according to claim 1, wherein the liquid powder is a material, a surface of which is bonded by inorganic fine particles having an average particle size of 20 - 100 nm.

9. (original): The image display device according to claim 8, wherein the liquid powder is a material, a surface of which is bonded by two or more kinds of inorganic fine particles.

10. (previously presented): The image display device according to claim 8, wherein the inorganic fine particles are treated by silicon oil.

11. (previously presented): The image display device according to claim 1, wherein the liquid powder is sealed between the substrates by means of an electrostatic coating apparatus.

12. (previously presented): The image display device according to claim 1, wherein a space between the opposed substrates is filled with a gas having a relative humidity at 25°C of not more than 60% RH.

13. (previously presented): The image display device according to claim 1, wherein the image display device is formed by a plurality of display cells.

14. (previously presented): The image display device according to claim 1, wherein a partition wall is formed by one of a screen-printing method, a sandblast method, a photo-conductor paste method and an additive method.

15. (currently amended): The image display device according to claim ~~1~~14, wherein the partition wall has a cantilever structure.

16. (currently amended): A method of displaying ~~the~~an image characterized in that a liquid powder composed of a solid material stably floating as a dispersant in a gas and exhibiting a high fluidity in an aerosol state is sealed between opposed substrates, at least one substrate being transparent, and the liquid powder is moved;

wherein the liquid powder does not have a repose angle as an index indicating its fluidity.

17. (original): An image display device characterized in that a porous spacer is arranged between opposed substrates, at least one substrate being transparent, a liquid powder

composed of a solid material stably floating as a dispersant in gas and exhibiting a high fluidity in an aerosol state is sealed, and the liquid powder is moved.

18. (canceled): The image display device according to claim 17, wherein the liquid powder does not have a repose angle as an index indicating its fluidity.

19. (previously presented): The image display device according to claim 17, wherein hot melt adhesive is applied on an outer portion of the porous spacer.

20. (previously presented): The image display device according to claim 17, wherein an open rate of the porous spacer at a display side having a transparent substrate is 50 - 95%.

21. (previously presented): The image display device according to claim 17, wherein pore sizes of the porous spacer are different at a display side and at a none display side, and $(\text{pore size at display side})/(\text{pore size at none display side}) > 1.1$ is satisfied.

22. (previously presented): The image display device according to claim 17, wherein an apparent volume in a maximum floating state is two times or more than that in none floating state.

23. (previously presented): The image display device according to claim 17, wherein a time change of the apparent volume of the liquid powder satisfies the floating formula:

$$V_{10}/V_5 > 0.8;$$

here, V_5 indicates the apparent volume (cm^3) of the liquid powder after 5 minutes from the maximum floating state; and V_{10} indicates the apparent volume (cm^3) of the liquid powder after 10 minutes from the maximum floating state.

24. (previously presented): The image display device according to claim 17, wherein an average particle size $d(0.5)$ of a particle material constituting the liquid powder is 0.1 - 20 μm .

25. (currently amended): The image display device according to claim 17, wherein a particle size distribution Span of the particle material constituting the liquid powder, which is defined by the following formula, is not more than 5:

$$\text{Span} = (d(0.9) - d(0.1))/d(0.5) ;$$

(here, $d(0.5)$ means a value of the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having the particle size larger than this value is 50% and an amount of the particle material constituting the liquid powder having the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having a particle size smaller than this value is 10%, and $d(0.9)$ means a value of the particle size expressed by μm wherein an amount of the particle material constituting the liquid powder having the particle size smaller than this value is 90%).

26. (currently amended): The image display device according to claim 17, wherein a solvent insoluble rate of the liquid powder, which is defined by the following formula, is not less than 50%:

solvent insoluble rate (%) = $(B/A) \times 100$;

(here, A is a weight of the liquid powder before being immersed into the solvent and B is a weight of resin components after the liquid powder is immersed into good solvent at 25 °C for 24 hours).

27. (previously presented): The image display device according to claim 17, wherein the liquid powder is a material, a surface of which is bonded by inorganic fine particles having an average particle size of 20 - 100 nm.

28. (original): The image display device according to claim 27, wherein the liquid powder is a material, a surface of which is bonded by two or more kinds of inorganic fine particles.

29. (previously presented): The image display device according to claim 27, wherein the inorganic fine particles are treated by silicon oil.

30. (previously presented): The image display device according to claim 17, wherein the liquid powder is sealed between the substrates by means of an electrostatic coating apparatus.

31. (previously presented): The image display device according to claim 17, wherein a space between the opposed substrates is filled with a gas having a relative humidity at 25°C of not more than 60%.